



WEEKLY OVERSIGHT REPORT

CH2MHILL

Weekly Summary Report**USEPA Oversight, Sauget Area 2, Sauget, IL****WA No. 224-RXBF-05XX / Contract No. 68-W6-0025****Week Ending Friday March 5, 2004**

This report summarizes the Remedial Action (RA) work conducted by Solutia and its contractors from March 1, 2004 through March 5, 2004. The current RA fieldwork consists of site maintenance and equipment demobilization.

Contractors Onsite

Inquip Associates Inc. (barrier wall construction contractor)

URS (primary consultant for Solutia)

Work Performed This Week**Solutia Bankruptcy / Production Halt**

Work at the site during the week continued with a minimal crew of Inquip operators and laborers performing site and trench maintenance activities. Activity to prepare the Liebherr 855 mechanical clamshell rig for work began during the week. No activity to clean the backfill slope in the trench, or to start excavating in the location of the box culvert occurred during the week.

Groundwater Migration Control System (GMCS)

The Groundwater Migration Control pumping system flow rate remained at or near maximum pumping rates for each extraction well through most of week. The combined flow rate of the three extraction wells was maintained at approximately 2,175 gpm prior to March 5. On March 5, the combined flow rate decreased to approximately 450 gallons per minute (gpm), or approximately 150 gpm per extraction well. The river elevation continued to rise during the week from 387.4 ft above mean sea level (amsl) on February 27, to 393.9 ft amsl on March 5, 2004.

All four of the upgradient piezometers continued to measure water elevations lower than the river level throughout the week. The piezometers generally maintained water levels between two and six feet below the river stage. Table 1 shows the river and piezometer water elevations on March 5, 2004 (16:00 PM).

TABLE 1

River and Piezometer Water Elevations – March 5, 2004 (16:00 PM)

	Elevation (ft above mean sea level)
River Level	393.89
Piezometer 1S (northern-most)	385.09
Piezometer 2E	383.73
Piezometer 3E	382.30
Piezometer 4E (southern-most)	384.07

Stormwater

Contact stormwater from within the exclusion zone was pumped into the north modutank on March 5 following a rain event on March 4. Non-contact stormwater from outside the exclusion zone in the south end of Site R was moved to drainage ditches around the periphery of the site using the automatic pumps on March 4.

Slurry Mixing

No fresh slurry was mixed during the week.

Barrier Wall Construction

No barrier wall construction activities occurred during the week.

The open trench remains at approximately 1,300 feet in length along the barrier wall alignment from station 23+60 towards station 10+60 (please refer to Solutia's map for locations.) No backfill activities occurred during the week.

The trench depths were measured on three days during the week. The trench depth measurements from the morning of March 5 are shown in Table 2. The trench profile is depicted in Graph 1, in comparison to the last measured trench profile during active site construction on January 23, and the profile from the previous week on February 27, 2004. Graph 2 shows the overall progress of the barrier wall construction. It was noted that at the south end of the barrier wall trench (between stations 10+60 and 11+60) the trench depth measured has decreased from the maximum excavated depth, indicating material settling in this end of the trench.

No fresh slurry was pumped from the holding ponds into the trench during the week as the trench remained sufficiently full. Trench slurry samples were tested for viscosity, density (unit weight), filtrate loss, pH and sand content on two days during the week. The results of the slurry samples analyzed generally met the specifications. However, the bottom trench slurry samples, exceeded the viscosity specification (117 and 124 seconds to pass through the Marsh Funnel, specification is 40 to 100 seconds.)

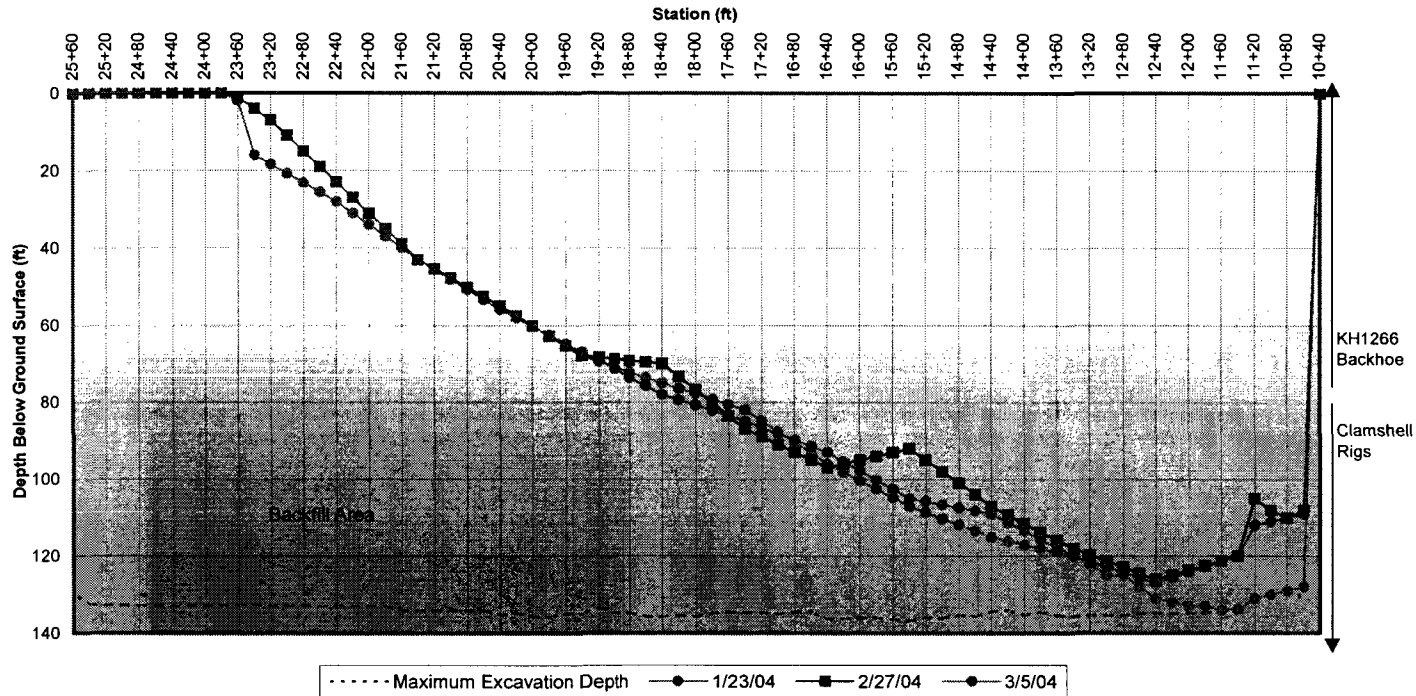
TABLE 2

Trench Profile (Downrigger Measurements) for the Barrier Wall Trench – March 5, 2004 (AM)

Station ID	Depth to bottom (ft below ground surface)
10+70	109
10+90	110
11+30	112
11+40	120
12+40	127
13+40	120
14+40	109
15+40	105
16+40	93
17+40	85
18+40	78
19+40	67
20+40	56
21+40	43

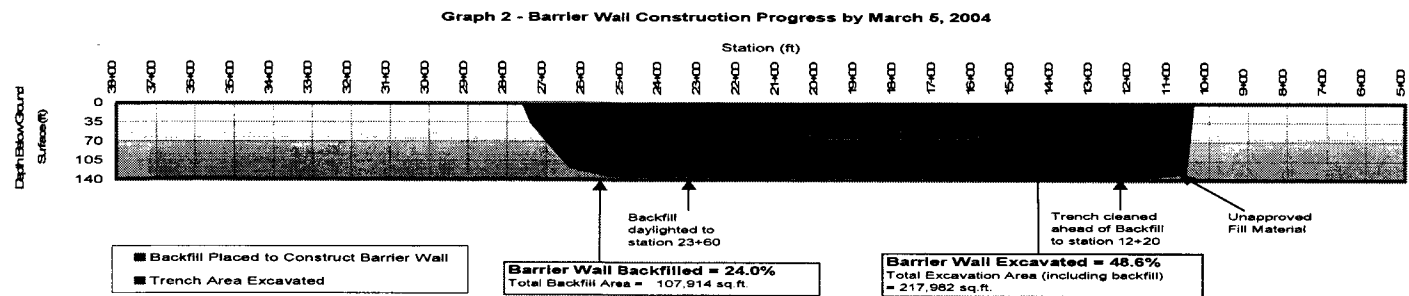
Construction Progress

Graph 1 - Weekly Barrier Wall Construction Progress
Comparison between trench profiles measured January 23, February 27, and March 5, 2004



Note: Data plotted for week through AM measurements on 3-5-04.

Some data points are interpolated between the available data points where trench depth measurements were read.



Note: Data plotted for week through AM measurements on 3-5-04.
Backfill and Excavation Areas and Percentages are calculated daily by URS based on excavation logs from cranes